

ABSTRACT OF THE DISCLOSURE

A method of controlling granule secretion comprising performing a treatment to increase or decrease an active form of calgranulin on a cell line having capability of secreting granules, thereby increasing or decreasing granule secretion
5 from the cell line.

A method of detecting a substance which inhibits or activates the granule secretion reaction by applying this controlling method. An active form of calgranulin is increased
10 by making the cells permeabilized cells and adding a calgranulin and soluble calcium. Decrease of an active form of calgranulin is carried out by introducing a calgranulin antibody into cells.

The method is useful for screening a substance which inhibits or activates granule secretion.

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